Chem.-Biol. Interactions, 64 (1988) 297–300
Elsevier Scientific Publishers Ireland Ltd.

CHEMICO-BIOLOGICAL INTERACTIONS

SUBJECT INDEX

VOLUME 64 (1987/1988)

Acetaminophen oxidation, prostaglandin H synthase, cosubstrates, inhibitors, 251
Action mechanisms, diethyldithiocarbamate, DNA synthesis, rat thymocytes, dose-effect, 151
Afloqualone, UV-A light, photosensitization, bacteriophage lambda, 139
Alcohol dehydrogenase, aminoazodyes, protein-carcinogen binding, 181
Ames test, benzidine, peroxidase, EPR spectroscopy, *Salmonella*, 193
Amphotericin B, ergosterol, cholesterol, UV, NMR, molecular interaction, 61
Aminoazodyes, alcohol dehydrogenase, protein-carcinogen binding, 181
Aurothioglucose, gold, selenium, glutathione peroxidase, γ-glutamyl transpeptidase, glutathione metabolizing enzymes, glutathione, 103
Bacteriophage lambda, afloqualone, UV-A light, photosensitization, 139
Benzidine, Ames test, peroxidase, EPR spectroscopy, *Salmonella*, 193
Benzo[*a*]pyrene, induction, DNA binding metabolites, DNA adducts, metabolic activation, 71
Benzo[*a*]pyrene, skin, human, metabolism, stereoselective, 281
1,4-Bis[2-(3,5-dichloropyridyloxy)benzene, differentiation, phenobarbital, tumor promoter, 83

cAMP, mitomycin C (sensitivity to), methylisobutylxanthine (sensitization by), chromatin (structure), 13
Cholesterol, amphotericin B, ergosterol, UV, NMR, molecular interaction, 61
Chromatin (structure), cAMP, mitomycin C (sensitivity to), methylisobutylxanthine (sensitization by), 13
Computer graphics, cytochrome *P*-450, cytochrome *P*-448, MINDO/3, mixed-function oxidases, 39
Cosubstrates, acetaminophen oxidation, prostaglandin H synthase, inhibitors, 251
Covalent binding, furazolidone, swine liver microsomes, reactive intermediate, reduction, open chain acrylonitrile derivative, 167
Cytochrome *P*-448, cytochrome *P*-450, computer graphics, MINDO/3, mixed-function oxidases, 39
Cytochrome *P*-450, cytochrome *P*-448, computer graphics, MINDO/3, mixed-function oxidases, 39
—, in vivo, nasal metabolism, dihydrosafrole, 1
—, paracetamol, substrate oxidation, electron transfer, oxygen radicals, 267
Cytosolic epoxide hydrolase, epoxide metabolism, regulation, liver, mammals, 207

Di-*n*-octyl phthalate, phospholipid, fatty acid (*tetrahymena*), 93
Diaziquone, free radicals, 23
Diethyldithiocarbamate, DNA synthesis, rat thymocytes, dose-effect, action mechanisms, 151
Differentiation, phenobarbital, 1,4-bis[2-(3,5-dichloropyridyloxy)]benzene, tumor promoter, 83
Dihydrosafrole, in vivo, nasal metabolism, cytochrome *P*-450, 1
DNA adducts, benzo[*a*]pyrene, induction, DNA binding metabolites, metabolic activation, 71
DNA binding metabolites, benzo[*a*]pyrene, induction, DNA adducts, metabolic activation, 71
DNA synthesis, diethyldithiocarbamate, rat thymocytes, dose-effect, action mechanisms, 151
Dose-effect, diethyldithiocarbamate, DNA synthesis, rat thymocytes, action mechanisms, 151

Electron transfer, cytochrome *P*-450, paracetamol, substrate oxidation, oxygen radicals, 267
Enzyme-free system, *N*-nitrosoproline, metabolism, microsomes, 115
Epoxide metabolism, cytosolic epoxide, hydrolase, regulation, liver, mammals, 207
EPR spectroscopy, benzidine, ames test, peroxidase, salmonella, 193
Ergosterol, amphotericin B, cholesterol, UV, NMR, molecular interaction, 61

Fatty acid (*tetrahymena*), di-*n*-octyl phthalate, phospholipid, 93
Free radicals, diaziquone, 23
Furazolidone, covalent binding, swine liver microsomes, reactive intermediate, reduction, open chain acrylonitrile derivative, 167

Glutamyl transpeptidase, gold, selenium, aurothioglucose, glutathione peroxidase, glutathione metabolizing enzymes, glutathione, 103
Glutathione, gold, selenium, aurothioglucose, glutathione peroxidase, γ-glutamyl transpeptidase, glutathione metabolizing enzymes, 103
Glutathione metabolizing enzymes, gold, selenium, aurothioglucose, glutathione peroxidase, γ-glutamyl transpeptidase, glutathione, 103
Glutathione peroxidase, gold, selenium, aurothioglucose, γ-glutamyl transpeptidase, glutathione metabolizing enzymes, glutathione, 103
Gold, selenium, aurothioglucose, glutathione peroxidase, γ-glutamyl transpeptidase, glutathione metabolizing enzymes, glutathione, 103

Hepatoprotection, liposomes, phosphatidyl choline, paracetamol, lipid uptake, 127
Human, skin, benzo[*a*]pyrene, metabolism, stereoselective, 281

Induction, benzo[*a*]pyrene, DNA binding metabolites, DNA adducts, metabolic activation, 71
Inhibitors, acetaminophen oxidation, prostaglandin H synthase, cosubstrates, 251
In vivo, nasal metabolism, cytochrome *P*-450, dihydrosafrole, 1

Lipid uptake, hepatoprotection, liposomes, phosphatidyl choline, paracetamol, 127
Liposomes, hepatoprotection, phosphatidyl choline, paracetamol, lipid uptake, 127
Liver, epoxide metabolism, cytosolic epoxide, hydrolase, regulation, mammals, 207

Mammals, epoxide metabolism, cytosolic epoxide, hydrolase, regulation, liver, 207
Metabolic activation, benzo[*a*]pyrene, induction, DNA binding metabolites, DNA adducts, 71
Metabolism, *N*-nitrosoproline, microsomes, enzyme-free system, 115
—, skin, human, benzo[*a*]pyrene, stereoselective, 281
Methylisobutylxanthine (sensitization by), cAMP, mitomycin C (sensitivity to), chromatin (structure), 13
Microsomes, *N*-nitrosoproline, metabolism, enzyme-free system, 115
MINDO/3, cytochrome *P*-450, cytochrome *P*-448, computer graphics, mixed-function oxidases, 39
Mitomycin C (sensitivity to), cAMP, methylisobutylxanthine (sensitization by), chromatin (structure), 13
Mixed-function oxidases, cytochrome *P*-450, cytochrome *P*-448, computer graphics, MINDO/3, 39
Molecular interaction, amphotericin B, ergosterol, cholesterol, UV, NMR, 61

N-Nitrosoproline, metabolism, microsomes, enzyme-free system, 115
Nasal metabolism, in vivo, cytochrome *P*-450, dihydrosafrole, 1
NMR, amphotericin B, ergosterol, cholesterol, UV, molecular interaction, 61

Open chain acrylonitrile derivative, furazolidone, covalent binding, swine liver microsomes, reactive intermediate, reduction, 167
Oxygen radicals, cytochrome *P*-450, paracetamol, substrate oxidation, electron transfer, 267

Paracetamol, cytochrome *P*-450, substrate oxidation, electron transfer, oxygen radicals, 267
—, hepatoprotection, liposomes, phosphatidyl choline, lipid uptake, 127
Peroxidase, benzidine, Ames test, EPR spectroscopy, *Salmonella*, 193

Phenobarbital, differentiation, 1,4-bis[2-(3,5-dichloropyridyloxy)]benzene, tumor promoter, 83
Phosphatidyl choline, hepatoprotection, liposomes, paracetamol, lipid uptake, 127
Phospholipid, di-*n*-octyl phthalate, fatty acid (*tetrahymena*), 93
Photosensitization, afloqualone, UV-A light, bacteriophage lambda, 139
Prostaglandin H synthase, acetaminophen oxidation, cosubstrates, inhibitors, 251
Protein-carcinogen binding, aminoazodyes, alcohol dehydrogenase, 181

Rat thymocytes, diethyldithiocarbamate, DNA synthesis, dose-effect, action mechanisms, 151
Reactive intermediate, furazolidone, covalent binding, swine liver microsomes, reduction, open chain acrylonitrile derivative, 167
Reduction, furazolidone, covalent binding, swine liver microsomes, reactive intermediate, open chain acrylonitrile derivative, 167
Regulation, epoxide metabolism, cytosolic epoxide, hydrolase, liver, mammals, 207

Salmonella, benzidine, Ames test, peroxidase, EPR spectroscopy, 193
Selenium, gold, aurothioglucose, glutathione peroxidase, γ-glutamyl transpeptidase, glutathione metabolizing enzymes glutathione, 103
Skin, human, benzo[*a*]pyrene, metabolism, stereoselective, 281
Stereoselective, skin, human, benzo[*a*]pyrene, metabolism, 281
Substrate oxidation, cytochrome *P*-450, paracetamol, electron transfer, oxygen radicals, 267
Swine liver microsomes, furazolidone, covalent binding, reactive intermediate, reduction, open chain acrylonitrile derivative, 167

Tumor promoter, differentiation, phenobarbital, 1,4-bis[2-(3,5-dichloropyridyloxy)]-benzene, 83

UV, amphotericin B, ergosterol, cholesterol, NMR, molecular interaction, 61
UV-A light, afloqualone, photosensitization, bacteriophage lambda, 139

Chem.-Biol. Interactions, 64 (1988) 301–302
Elsevier Scientific Publishers Ireland Ltd.

CHEMICO-BIOLOGICAL INTERACTIONS

AUTHOR INDEX

VOLUME 64 (1987/1988)

Aitken, A. 181
Akutsu, H. 61
Aoyama, T. 13

Baird, W.M. 71
Beale, D. 181
Bosman, P. 267

Callery, P.S. 23
Christian, G.D. 251
Coles, B. 181

Dahl, A.R. 1
De France, B.F. 193
de Vries, J. 267
DePierre, J.W. 207
Dillard, C.J. 103
Dragani, T.A. 83

Egan, R.W. 251

Fong, L.Y.Y. 115
Fujita, H. 139

Gale, P.H. 251
Groten, J.P. 167
Grover, P.L. 281
Gutierrez, P.L. 23

Hall, M. 281
Harvison, P.J. 251
Hill, B.S. 251
Hu, M.-L. 103

Ioannides, C. 39

Jaeschke, H. 127
Jensen, D.E. 115
Josephy, P.D. 193

Kadlubar, F. 181
Kaya, K. 93
Kelley, J. 71
Ketterer, B. 181
Kimura, H. 13
Kito, M. 61
Kyogoku, Y. 61

Lay, J. 181
Lewis, D.F.V. 39

Magee, P.N. 115
Manenti, G. 83
Matsuo, I. 139
Meijer, J. 207
Miller, D. 181
Morgan, S.L. 71

Nardino, R. 23
Nayar, M.S.B. 23
Nelson, S.D. 251
Nohara, K. 93

Otsu, Y. 13

Parke, D.V. 39
Petridou-Fischer, J. 1
Porta, G.D. 83

Smolarek, T.A. 71
Sohn, D.H. 61
Spath, A. 151
Sugeta, H. 61

Tappel, A.L. 103
Tempel, K. 151

Van Bladeren, P.J. 167
Van de Straat, R. 267

Van Muiswinkel, K. 167
van Veldhuizen, A. 167
Vermeulen, N.P.E. 267
Vromans, R.M. 267
Vroomen, L.H.M. 167
Wendel, A. 127
Werner, C. 127
Whaley, S.L. 1
Yu, B.S. 61